

## Power cable $\geq 1$ kV, for fixed installations JobInstal YMZ1K B2ca



### TECHNICAL DATA

	: TYPE YMZ1K B2ca
Conductor material	: Copper, bare
Shape of conductor	: Round
Core insulation material	: Crosslinked polyethylene (XLPE)
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen	: No
Drain wire	: No
Lead sheath	: No
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. BS EN 61034-2)	: Yes
Circuit integrity	: No
Max. conductor temperature	: 90°C
Permitted cable outer temperature during assembling/handling	: -40°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV
Reaction-to-fire class according to EN 13501-6	: B2ca
Smoke development class according to EN 13501-6	: s1
Euro class flaming droplets/particles according to EN 13501-6	: d1
Euro class acidity according to EN 13501-6	: a1
Conductor surface	: Bare
Specification core insulation	: Crosslinked polyethylene (XLPE)
	: Yes
Laminated sheath	: No
Fibre optic elements	: No
Inner semi-conducting layer	: No
Outer semi-conducting layer	: No
Specification material outer sheath	: Other
	: Round
Conductive coating	: No
Longitudinal water blocking conductors	: No
Longitudinal water blocking screen	: No



# JOBARCO

Halogen free (acc. IEC 60754-2)	: Yes
Low smoke (acc. IEC 61034-2)	: Yes
Insulation integrity in accordance with IEC 60331	: No
Oil resistant (acc. IEC 60811-404)	: No
	: Yes
	: No
	: No
	: No
	: No



<b>ProductNr</b>	<b>Dimension</b>	<b>Conductor category</b>	<b>Outer diameter approx. (mm)</b>
0460603	3 x 1.5	Class 1 = solid	10.9
0460604	4 x 1.5	Class 1 = solid	11.3
0460605	5 x 1.5	Class 1 = solid	11.9
0460703	3 x 2.5	Class 1 = solid	10.6
0460704	4 x 2.5	Class 1 = solid	12.6
0460705	5 x 2.5	Class 1 = solid	13.1
0460716	16 x 2.5	Class 1 = solid	20.2
0460803	3 x 4	Class 1 = solid	11.7
0460905	5 x 6	Class 2 = stranded	15.8
0460917	5 x 10	Class 2 = stranded	18.6
0460925	5 x 16	Class 2 = stranded	21.6
0460945	5 x 35	Class 2 = stranded	30.6